



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Sheet 1 of 2

|                        |            |
|------------------------|------------|
| ATTORNEY DOCKET NO.    | SERIAL NO. |
| 1316N-001633           | 10/730,560 |
| APPLICANT              |            |
| Gary W. Groves, et al. |            |
| FILING DATE            | GROUP      |
| 12/08/2003             | Unknown    |

U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date    | Name               | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|---------|--------------------|-----------------|------------------------------|
| 1.          | MB                  | 3,638,885       | 02/1972 | Reed               | —               |                              |
| 2.          |                     | 3,757,910       | 09/1973 | Palmer             | —               |                              |
| 3.          |                     | 3,823,600       | 07/1974 | Wolff              | —               |                              |
| 4.          |                     | 4,084,668       | 04/1978 | Rybicki            | 188/312         |                              |
| 5.          |                     | 4,113,072       | 09/1978 | Palmer             | —               |                              |
| 6.          |                     | 4,743,000       | 05/1988 | Karnopp            | 267/218         |                              |
| 7.          |                     | 4,743,046       | 05/1988 | Schnittger         | 280/5,519       |                              |
| 8.          |                     | 4,802,561       | 02/1989 | Knecht, et al.     | 188/318         |                              |
| 9.          |                     | 4,826,207       | 05/1989 | Yoshioka, et al.   | —               |                              |
| 10.         |                     | 4,854,429       | 08/1989 | Casey              | —               |                              |
| 11.         |                     | 4,890,858       | 01/1990 | Blankenship        | —               |                              |
| 12.         |                     | 4,923,038       | 05/1990 | Lizell             | —               |                              |
| 13.         |                     | 4,958,705       | 09/1990 | Horvath            | 188/314         |                              |
| 14.         |                     | 4,986,393       | 01/1991 | Preukschat, et al. | 188/266,6       |                              |
| 15.         |                     | 5,025,899       | 06/1991 | Lizell             | —               |                              |
| 16.         |                     | 5,078,240       | 01/1992 | Ackermann, et al.  | —               |                              |
| 17.         |                     | 5,143,186       | 09/1992 | Lizell             | —               |                              |
| 18.         |                     | 5,163,706       | 11/1992 | Maguran            | —               |                              |
| 19.         |                     | 5,201,389       | 04/1993 | Miller             | —               |                              |
| 20.         |                     | 5,217,095       | 06/1993 | Lizell             | —               |                              |
| 21.         | MB                  | 5,231,583       | 07/1993 | Lizell             | 701/37          |                              |

Examiner: Melody M. Pearce

Date Considered: 10/21/04

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| Sheet 2 of 2                           |  | 12/08/2003             | Unknown    |

| U.S. PATENT DOCUMENTS |                     |                 |         |                   |                 |                              |
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| 22.                   | MB                  | 5,285,878       | 02/1994 | Scheffel, et al.  | _____           |                              |
| 23.                   |                     | 5,295,563       | 03/1994 | Bennett           | _____           |                              |
| 24.                   |                     | 5,472,070       | 12/1995 | Feigel            | _____           |                              |
| 25.                   |                     | 5,509,512       | 04/1996 | Grundei           | _____           |                              |
| 26.                   |                     | 5,586,627       | 12/1996 | Nezu, et al.      | _____           |                              |
| 27.                   |                     | 5,588,510       | 12/1996 | Wilke             | 188/266,6       |                              |
| 28.                   |                     | 5,655,633       | 08/1997 | Nakadate, et al.  | _____           |                              |
| 29.                   |                     | 5,775,470       | 07/1998 | Feigel            | _____           |                              |
| 30.                   |                     | 5,833,036       | 11/1998 | Gillespie         | _____           |                              |
| 31.                   |                     | 5,901,820       | 05/1999 | Kashiwagi, et al. | _____           |                              |
| 32.                   |                     | 5,944,153       | 08/1999 | Ichimaru          | 188/299,1       |                              |
| 33.                   |                     | 5,968,102       | 10/1999 | Ichimaru, et al.  | 701/37          |                              |
| 34.                   |                     | 5,996,748       | 12/1999 | Nezu, et al.      | 188/B13         |                              |
| 35.                   |                     | 6,120,009       | 09/2000 | Gatehouse, et al. | 267/64,11       |                              |
| 36.                   | MB                  | 6,129,368       | 10/2000 | Ishikawa          | 280/124,112     |                              |

| FOREIGN PATENT DOCUMENTS |                     |                 |      |         |                 |                    |
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| 1.                       |                     |                 |      |         |                 |                    |

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